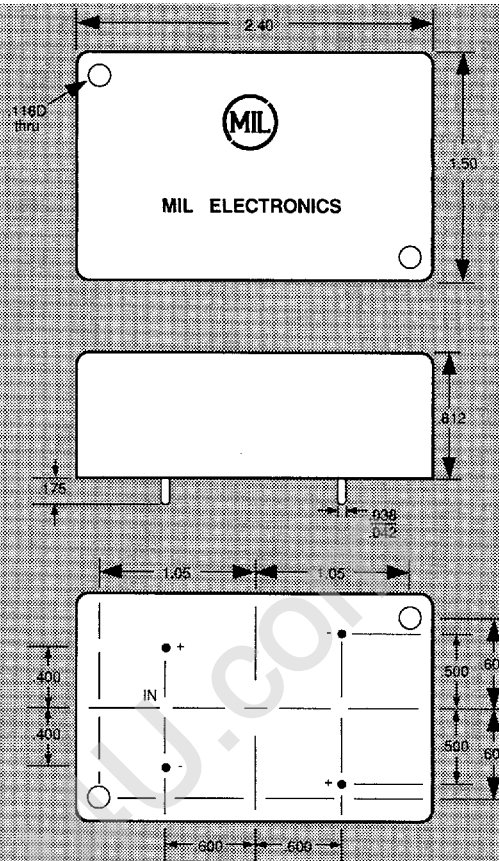


# SERIES V

- PROPORTIONAL HIGH VOLTAGE
- DC TO DC POWER SUPPLY
- UP TO 3000 VOLTS OUTPUT
- TO DRIVE PHOTOMULTIPLIERS AND OTHER HV APPLICATIONS
- SHIELDED VERSION AVAILABLE



## ELECTRICAL SPECIFICATIONS

Isolation (Input- Output) .....  $\pm 2500$  Volts  
 Ripple ..... Less than 1% pp  
 Temp. (Operating)..... - 20 to + 85°C  
 Storage Temperature ..... - 55 to +100°C  
 Input Overvoltage ..... 30%

OUTPUT VOLTS D.C. FROM - TO	INPUT VOLTS D.C. FROM - TO	LOAD RESISTOR	LOAD CURRENT MILLIAMPS FROM - TO	INPUT CURRENT FULL LOAD MAX. OUTPUT	INPUT CURRENT 1/10 LOAD OUTPUT	MODEL NUMBER
300 - 1000	4 - 12	10 MEG	.03 - .1	45 mA	35 mA	VL10
300 - 1000	4 - 12	1 MEG	.3 - 1.0	220 mA	140 mA	VH10*
500 - 1500	4 - 12	10 MEG	.05 - .15	60 mA	35 mA	VL15*
500 - 1500	4 - 12	1 MEG	.5 - 1.5	340 mA	140 mA	VH15*
700 - 2000	4 - 12	10 MEG	.07 - .2	70 mA	30 mA	VL20
700 - 2000	4 - 12	2 MEG	.35 - 1.0	300 mA	150 mA	VH20*
900 - 3000	4 - 12	3 MEG	.35 - 1.0	550 mA	290 mA	VH30*

## ELECTRICAL SPECIFICATIONS

Weight..... 85 gms  
 Acceleration ..... 45 G's  
 Shock ..... 50 G's  
 Vibration ..... 20 G's  
 Altitude ..... Sea level to space  
 Thermal Shock ..... MIL STD 810/503  
 Mounting..... Two thru holes  
 Terminals ..... Printed circuit pins  
 Case, Finish..... Diallyl phthalate, black  
 Volume ..... 3 cubic inches  
 Semiconductors ..... All silicon  
 Encapsulation ..... 100%

F.O.B. FACTORY  
 NET 30 DAYS

\* AVAILABLE FROM STOCK